

Table I.1. Snapshot of performance in mathematics, reading and science [1/2]

	Mean score in PISA 2022			Long-term trend: Average decennial trend			Short-term change in performance (PISA 2018 to PISA 2022)			Top-performing and low-performing students	
	Mathematics	Reading	Science	Mathematics	Reading	Science	Mathematics	Reading	Science	Share of top performers in at least one subject (Level 5 or 6)	Share of low performers in all three subjects (below Level 2)
	Mean	Mean	Mean	Score dif.	Score dif.	Score dif.	Score dif.	Score dif.	Score dif.	%	%
OECD average	472	476	485	-7	-4	-7	-15	-10	-2	13.7	16.4
Singapore	575	543	561	6	12	12	6	-7	10	44.5	4.2
Japan	536	516	547	2	2	4	9	12	17	28.7	5.3
Korea	527	515	528	-13	-11	-4	1	1	9	29.7	7.3
Estonia	510	511	526	1	11	-3	-13	-12	-4	20.0	5.2
Switzerland	508	483	503	-12	-7	-11	-7	-1	7	19.4	12.4
Canada*	497	507	515	-17	-9	-12	-15	-13	-3	22.7	8.1
Netherlands*	493	459	488	-20	-25	-23	-27	-26	-15	19.0	20.2
Ireland*	492	516	504	-2	-1	-7	-8	-2	8	14.7	7.5
Belgium	489	479	491	-18	-11	-11	-19	-14	-8	15.5	15.2
Denmark*	489	489	494	-9	0	-3	-20	-12	1	12.8	10.3
United Kingdom*	489	494	500	-1	2	-10	-13	-10	-5	17.9	12.0
Poland	489	489	499	5	5	-1	-27	-23	-12	15.3	11.9
Austria	487	480	491	-9	-5	-14	-12	-4	1	14.6	15.5
Australia*	487	498	507	-21	-14	-16	-4	-5	4	20.7	12.1
Czech Republic	487	489	498	-12	1	-9	-12	-2	1	15.5	12.2
Slovenia	485	469	500	-7	-7	-10	-24	-27	-7	13.0	12.0
Finland	484	490	511	-34	-23	-34	-23	-30	-11	17.9	11.5
Latvia*	483	475	494	2	3	-1	-13	-4	7	9.7	10.6
Sweden	482	487	494	-9	-11	-2	-21	-19	-6	17.0	15.2
New Zealand*	479	501	504	-24	-12	-18	-15	-5	-4	19.5	13.7
Lithuania	475	472	484	-4	2	-6	-6	-4	2	10.4	14.4
Germany	475	480	492	-12	2	-17	-25	-18	-11	14.6	16.7
France	474	474	487	-14	-8	-6	-21	-19	-6	12.9	16.8
Spain	473	474	485	-4	-1	-2	m	m	m	10.6	12.9
Hungary	473	473	486	-10	-5	-15	-8	-3	5	11.2	16.5
Portugal	472	477	484	8	7	5	-21	-15	-7	10.1	13.8
Italy	471	482	477	8	1	-6	-15	5	9	10.7	12.9
Viet Nam**	469	462	472	m	m	m	m	m	m	6.3	12.2
Norway	468	477	478	-7	-5	-7	-33	-23	-12	13.8	17.5
Malta	466	445	466	3	3	2	-6	-3	9	10.7	21.6
United States*	465	504	499	-8	2	5	-13	-1	-3	18.1	14.8
Slovak Republic	464	447	462	-16	-13	-20	-22	-11	-2	9.5	22.2
Croatia	463	475	483	-1	0	-10	-1	-3	10	9.7	13.6
Iceland	459	436	447	-24	-24	-27	-36	-38	-28	6.8	23.3
Israel	458	474	465	11	13	7	-5	3	3	15.1	21.3
Türkiye	453	456	476	14	5	24	0	-10	8	7.3	18.5
Brunei Darussalam	442	429	446	m	m	m	12	21	15	4.5	30.0
Serbia	440	440	447	3	16	4	-8	1	8	5.0	24.5
United Arab Emirates	431	417	432	7	-12	-8	-4	-14	-2	8.8	33.9
Greece	430	438	441	-9	-12	-21	-21	-19	-11	3.9	25.7
Romania	428	428	428	6	15	3	-2	1	2	5.0	33.2
Kazakhstan	425	386	423	10	-4	6	2	-1	26	2.2	32.8
Mongolia	425	378	412	m	m	m	m	m	m	2.3	39.9

Notes: Values that are statistically significant are marked in bold (see Annex A3). * Caution is required when interpreting estimates because one or more PISA sampling standards were not met (see Reader's Guide, Annexes A2 and A4). Long-term trends are reported for the longest available period since PISA 2003 for mathematics, PISA 2000 for reading and PISA 2006 for science. The OECD average does not include Costa Rica and Spain for short-term change in performance. Countries and economies are ranked in descending order of the mean mathematics score in PISA 2022. Source: OECD, PISA 2022 Database, Tables I.B1.2.1, I.B1.2.2, I.B1.2.3, I.B1.4.42, I.B1.4.43, I.B1.5.4, I.B1.5.5 and I.B1.5.6.

Table I.1. Snapshot of performance in mathematics, reading and science [2/2]

Countries/economies with a mean performance/share of top performers **above** the OECD average
 Countries/economies with a share of low performers **below** the OECD average

Countries/economies with a mean performance/share of top performers/share of low performers **not significantly different** from the OECD average

Countries/economies with a mean performance/share of top performers **below** the OECD average
 Countries/economies with a share of low performers **above** the OECD average

	Mean score in PISA 2022			Long-term trend: Average decennial trend			Short-term change in performance (PISA 2018 to PISA 2022)			Top-performing and low-performing students	
	Mathematics	Reading	Science	Mathematics	Reading	Science	Mathematics	Reading	Science	Share of top performers in at least one subject (Level 5 or 6)	Share of low performers in all three subjects (below Level 2)
	Mean	Mean	Mean	Score dif.	Score dif.	Score dif.	Score dif.	Score dif.	Score dif.	%	%
Bulgaria	417	404	421	3	-5	-11	-19	-16	-3	4.6	38.3
Moldova	414	411	417	14	20	5	-6	-13	-12	1.7	37.1
Qatar	414	419	432	58	59	51	0	12	13	5.2	34.2
Chile	412	448	444	-1	16	2	-6	-4	0	3.6	24.8
Uruguay	409	430	435	-8	3	5	-9	3	10	3.4	30.6
Malaysia	409	388	416	7	-12	1	-32	-27	-21	1.3	40.6
Montenegro	406	405	403	10	9	0	-24	-16	-12	1.5	41.3
Mexico	395	415	410	2	4	1	-14	-5	-9	0.7	38.4
Thailand	394	379	409	-8	-20	-8	-25	-14	-17	1.3	46.3
Peru	391	408	408	26	38	33	-9	8	4	1.3	40.8
Georgia	390	374	384	8	-2	6	-8	-6	1	1.3	51.1
Saudi Arabia	389	383	390	m	m	m	16	-17	4	0.3	48.6
North Macedonia	389	359	380	m	-2	m	-6	-34	-33	0.7	55.8
Costa Rica	385	415	411	-17	-21	-16	-18	-11	-5	1.1	38.1
Colombia	383	409	411	9	12	15	-8	-4	-2	1.5	40.7
Brazil	379	410	403	10	7	5	-5	-3	-1	2.6	42.2
Argentina	378	401	406	-5	-2	7	-2	-1	2	1.5	42.7
Jamaica*	377	410	403	m	m	m	m	m	m	1.7	43.5
Albania	368	358	376	4	12	-5	-69	-47	-41	0.8	56.2
Indonesia	366	359	383	0	-5	0	-13	-12	-13	0.1	59.0
Morocco	365	339	365	m	m	m	-3	-20	-11	0.0	68.5
Uzbekistan	364	336	355	m	m	m	m	m	m	0.1	71.4
Jordan	361	342	375	-8	m	m	-39	m	m	0.0	62.9
Panama*	357	392	388	-4	15	5	4	15	23	1.2	50.4
Philippines	355	347	356	m	m	m	2	7	-1	0.2	71.3
Guatemala	344	374	373	m	m	m	10	5	8	0.1	63.8
El Salvador	343	365	373	m	m	m	m	m	m	0.2	62.8
Dominican Republic	339	351	360	m	m	m	14	10	25	0.1	68.4
Paraguay	338	373	368	m	m	m	11	3	10	0.1	61.1
Cambodia	336	329	347	m	m	m	12	8	17	0.0	82.2
Macao (China)	552	510	543	18	14	24	-6	-15	0	31.1	4.1
Chinese Taipei	547	515	537	-6	8	2	16	13	22	34.8	7.9
Hong Kong (China)*	540	500	520	-3	-5	-21	-11	-25	4	29.7	7.2
Ukrainian regions (18 of 27)	441	428	450	m	m	m	m	m	m	4.6	25.3
Cyprus	418	381	411	m	m	m	-32	-43	-28	5.3	40.3
Baku (Azerbaijan)	397	365	380	m	m	m	-23	-24	-18	0.9	50.9
Palestinian Authority	366	349	369	m	m	m	m	m	m	0.1	63.5
Kosovo	355	342	357	m	m	m	-11	-11	-8	0.0	72.9

Notes: Values that are statistically significant are marked in bold (see Annex A3). * Caution is required when interpreting estimates because one or more PISA sampling standards were not met (see Reader's Guide, Annexes A2 and A4). Long-term trends are reported for the longest available period since PISA 2003 for mathematics, PISA 2000 for reading and PISA 2006 for science. The OECD average does not include Costa Rica and Spain for short-term change in performance. Countries and economies are ranked in descending order of the mean mathematics score in PISA 2022. Source: OECD, PISA 2022 Database, Tables I.B1.2.1, I.B1.2.2, I.B1.2.3, I.B1.4.2, I.B1.4.4, I.B1.4.4.3, I.B1.5.4, I.B1.5.5 and I.B1.5.6